Tompkins, R.K. 117 (B)
Tanon, M. 194
Török, M. 154
Truscia, D. 189
Tryba, M. 154
Turnberg, L.A. 117 (B)
Tympner, F. 76

V
Van den Oord, J.J. 158
Vantrappen, G. 24, 158
Varró, V. 75
Vaona, B. 194
Vecchiati, U. 189
Ventrucci, M. 60
Verhaeghe, P. 266
Verme, G. 48, 151
Vezzadini, P. 60
Vilardell, F. 76
Villa, E. 48
Vincent-Brown, A. 74
Volk, B.A. 33
Vollmar, J. 131
Vuilleumier, J.P. 143

W
Wakushima, T. 137
Wallin, B. 76
Wallin, C. 76
Walus, K.M. 66
Weberg, R. 202
Wenz, W. 33
Wetzels, E. 116 (B)
Wheeler, E.E. 113
Whorwell, P.J. 70
Willems, G. 63, 72
Winckler, K. 148
Wilson, J.H.P. 174
Wosiewitz, U. 184
Wurbs, M. 249

Y
Young, J.A. 117 (B)

Z
Zaccari, C. 3
Zakrzewska, J. 205
Zampieri, L. 189
Zanchetta, M. 233
Zenz, M. 154
Zeuner, E. 102
Zipprich, B. 90, 134
Zmuda, A. 261

Subject Index

(B) = Book Reviews

A
Abdomen, Sonography 117 (B)
Abdominalchirurgie, Nahttechnik, maschinelle 117 (B)
Abscess, drainage 9
Acetaminophen 58
Acid, hydrolase 42
– secretion 60
N-acetylneuraminic, acid 258
p(N-acetyl-L-thyrosyl)-amino-benzoic, acid 99
Actinomyosis 219
Adenocarcinoma, colonic 25
Adenomatosis, hepato-cellular miliary 171
Alcohol, abuse 48f
Alcoholic liver disease, CEA 140
– – – chronic 134, 140
– – – mortality rate 140
– – – risk of malignancy 140
Alcoholism, Apolipoprotein A-I–A-II 236
Aldehyde dehydrogenase activity 134 f
– hypothetical role 135
Alimentation, nasoenteral 161ff
– – – tubes 162
– – tube feeding, complications 168
– – – – contraindications 168
– – – feed diets 166
Alpha-1-antitrypsin 24f
Amoebic abscess 9
Amino acids, encephalopathy, hepatic 174
Amoebiasis of the colon 217
Angiosarcoma, hepatic, chondroitin sulfate 227
Anisakiasis 218
Antacids 154, 202
Antibodies, antimitochondrial 178
Anti-e antibody, chronic liver disease 243
Anti-HBe, chronic liver disease 243
aortic-iliacal-aneurysm 40
Apolipoprotein, A-I, A-II 236f
Arteriogramm, arteria mesenterica superior 266
Ascites, treatments 15*
Azathioprine 51, 188

B
Balantidiasis 218
Behçet's syndrome 214
Benzimidazole 205
Bethanechol 246
Bile acid, antral mucosa 72
– salts 107
– – calcium bilirubinate 185
Biliary dilatation 83
Bleeding gastrointestinal, acute, prophylaxis 155
– – upper, risk factors 155
Bowel disease, inflammatory 24
– – inflammatory 70
Breath, H_2 lactulose test 254

C
Caerulein 63, 72
Calcium, absorption, intestinal 104
– bilirubinate 184
Carcinomembryonic antigen (CEA) 140f
Carcinoma, hepatocellular 38
– – primary 3
Carproten 261
Chancroid 219
Chenodesoxycholic, acid 194
Chlamydia, proctitis 218
Cholestasis 194
Cholic acid 194
Chymotrypsin 99
Cimetidine 151f, 154
Circulation, gastric and intestinal 66
Cirrhosis biliary primary, diagnosis clinical 178
– – – scheme new for diagnosis 179
– treatment 58
Cluster, analysis 178
Coeliac disease 113
Colitis, after laxative suppositories 215
– collagenous 214
– artificial 214
– diversion 214
– eosinophilic 214
– ergotamine 213f
– infectious 215
– ischemic 24, 211
– parasitic 217
– pseudomembranous 213
– radiation, acute 212
– – damage, late 212
Colitis, Salmonella 215
– Shigella 215
– ulcerative 24
– – acute, Cimetidine-induced 215
Collagen, synthesis 6, 230
Colloid chemical aspects 184
Colon, immunreactivity 24
– inflammation, continuous 211
– – discontinuous 211
Colonic, carcinoma, occurrence 30
Conn adenoma 40
Crohn's disease 24
– – Azathioprine 188
– – liver cell cancer 188
– – lysozyme identification immunohistochemical 158
– – Prednisolone 188
Cytoprotection 107

D
Dacarbazine 93
Darm, Tafel, klinisch-anatomische 223 (B)
Dehydrochoiate tolerance test, intravenous 137f
Diabetes, streptozotocin-induced 54
16,16-Dimethyl-PGE_2 107
Disaccharidases, jejunal 254
Discomfort, abdominal 254
Diuretics 19
Diverticular, disease 25
DNA loss, 261
Down syndrome, liver hyperplasia 59
Drug addiction 12
Dysentery, bacillary 215
Dyspepsia 21f
– non-ulcerative, treatment 1ff

E
Echinococcus alveolaris, CT-Diagnosis 83
Electrolyte and Water-Transport 117 (B)
Encephalopathy 144
– hepatic, hyperprolactinaemia 174
Endoscopy gastrointestinal, upper 189
– infections 189
Endotoxemia, and bacteriemia 240
– hemodilysis effect 241
– lactulose, prevention 240
Endotoxin, and phagocytic activity 79
Enolase, neuron-specific 72
Enterocolitis, Campylobacter 216
– Edwardsiella 217
– Yersinia 216

Epigastric pain 1
Esophagitis 96f

F
Faecal occult, screening studies 27f
Fever, typhoid 266
Fiber 131
Furosemide 19

G
Gallbladder contraction, postprandial 131
– size 131
Gallenkrankheiten, Diät 223 (B)
Gastric, acid secretion 206
– – – calcium, extracellular 75
– – – dynamics 75
– – – histamine-induced 205
– antisecretory effect 74
– emptying, sonographic evaluation 76
– gland, agent, selective 246
– K^+, H^+-ATPase 74
– mucosa 63
– mucosal, clearance, ^{99m}Tc-t-methyl-aminophenazone 75
– – intestinal, metaplasia 201
– pyloric, gland, metaplasia 158
– ulcer therapy, short-term 151
Gastrin 102
Gastritis, antral, chronic atrophic 72
– – – mucosa 22
– – fundic mucosa 21
– dynamics 198
– occurrence 249
– prevalence 199
– score 250
– – age-adjusted 251
– in various chronic diseases 252
Gland, pseudopyloric, lysozyme 158
Gonorrhoea, anorectal 218
Granuloma inguinale 219
Guar gum 131f

H
Haemoccult test 27f
Haemodialytic, treatment 240
HBsAg 51
– in ascites 59, 183
– carrier rate 190
– positive liver cirrhosis 3
– in saliva 59, 183
– in urine 59, 183
HBeAg/anti-HBe-system 3
H_2-receptor, antagonist, AH 222 16 73
HDL-cholesterol 236
Hemorrhage, gastrointestinal 17
Hepatic cancer, primary human 230
– DNA-synthesis 54
– necrosis, ischemic 240
Hepatitis, attacks, multiple 12f
– chronic 243
– – active 51
– – – HB_sAG-positive 128
– – – study multicentric 126ff
– – Levamisole, therapy 90
Hepatitis B-virus 48
epidemiology 189
Hepatitis B 126
– viral, acute, pancreatic, enzyme alteration 233
Hepatocellular carcinoma 48, 230
Hepatocyte 225
– mitotic index 43
– regenrative 171
Hepatology, clinical, and basic 223 (B)
Hepatoma 243
Herpes simplex, anorectal 218
High fiber diet 75
Histoautoradiography 63
Histoplasmosis 219
Hormones calciotropic 102
Hydroxyproline 8
Hypernephroid carcinoma 39
Hyperprolactinaemia 174
Hypertension, portal 84

I
Immunmodulatory, therapy 90
Immunoreactivity, Somatostatin-like 73
Immunothrombocytopenia 12
Innere Medizin, Diagnostik rationelle 116 (B)
– – Handbuch 224 (B)
– – Therapie-Fibel 116 (B)
Isoimmunpankreatitis 223 (B)

J
Jaundice 17
Jejunal villous, damage 113

K
6-Keto-$PGF_{1\alpha}$ 263
Kupffer cell 42

L
Laparoscopy 192
Lactulose 240
Lactulose intolerance, adults 254f
– malabsorption 254
– – diet trial 255
– – screening tests 255
Lebererkrankungen 170 (B)
– chronische 170 (B)
Leberkrankheiten, Diät 223 (B)
Leiomyoblastoma of the stomach 33
Levamisole therapy 90
Lithiasis, pigment 184
Liver 116 (B)
– abscess, diagnosis 9
– – fine-needle-aspiration 9
– – therapy 9
– and biliary tract, pathology 223 (B)
– Biopsy, Atlas 170 (B)
– cell cancer primary 188
– – injury, acute 225f
– – regeneration, proteoglycans 225
– cirrhosis 3f, 6f
– – ascites 15
– – fibrosis, proteoglycans 226
– – phagocytic activity 79f
– – prolactin level 174
– – Vitamin A deficiency 119
– – Zinc metabolism 143
– damage, Dacarbazine-induced 93
– degeneration 42
– disease, chronic, alcohol 48f
– – – B-lymphocyte function 86
– echinococcus, alveolaris 83
– function test 236
– hyperplasia, nodular, regenerative 59, 171f
– – – – pathogenesis 172
– hypertrophying 45
– injury 93
– needle, biopsy 192
– Pathology, Atlas 222 (B)
– regeneration 42
– surgery, manual 117 (B)
– tumors, proteoglycans 226
– ultrasonic 9ff
B-lymphocyte, function 86
Lymphogranuloma, venereum 218
Lysosome 42
Lysozyme 158

M
α_2-Macroglobulin 79
Malabsorption, lactulose 254
Malnutrition, protein energy 161
Meal, gastric emptying 76
Metaplasia, intestinal 72
Methionine-enkephalin 66
Metoclopramide 96
Motility, disturbance 222 (B)
Mucosa, antral and body 249
– jejunal 113
Mucosal index 113
Mukoviszidose 222 (B)
Multiple sclerosis 70
Muscarinic receptors 246

N
N-Nitroso-acetoxymethylmethylamine 30
NMR imaging system 37
– relaxation time 37
– spectrometers 37
– tomography 37
– – whole-body 41
Nuclear magnetic resonance s. NMR
Non-synthetic diet 36f
Nutrition, enteral total 161
Nutrition, parenteral total 161

O
Omeprazole 74, 205
– inhibition 209
Oncogenic viruses 48
Oxygen consumption 66

P
Pancreatic, function 233
– – exocrine 99
– insufficiency, BAO 60
– – – PAO 61
Pancreas, carcinoma 39
– endokrines, Chirurgie 170 (B)
Pankreaserkrankung, im Kindesalter 170 (B)
Pancreatitis, acute, experimental 148f
– chronic alcoholic 194f
– – cholic acid 194
– – with and without cholestasis 196
– – gastric acid secretion 60
Pancreatitis effect of, PGE_2 148f
Paneth cell 24
– – lysozyme 159
Parathyroid gland, Vitamin D metabolism 104
Parietal cell, ultrastructure 205
Pentagastrin 263
– inhibition 76
Peptic ulcer, disease 261
– – – antiinflammatory agent, non-steroidal 261
– – – PGE_2 263
PGE_2 148
Phaeochromocytoma 39
Phagocytic activity of RES 79f
Pirenzepine 1, 154, 246
– effects 202
Porta hepatis, involvement 83
Portal hypertension 172

Portosystemic shunting, Vitamin A metabolism 144
– – zinc metabolism 243
Postprandial, intrageastric pH 202f
Prednisolone 51
Prolactin 174
Proline-rich diet 6
Prolyl hydroxylase, protein 230
Prostaglandins 107
Proteoglycans, hepatic 225f

R
Radiology, dynamic 222 (B)
Rantidine 96f, 151, 205
Reflux, gastro-esophageal 96
Refluxtherapie 224 (B)
Regurgitation, of gastric juice 96
Reticuloendothelial system, phagocytic activity 79
Retinol-Binding-Protein 143

S
Schistosomiasis 217
Secretion, exocrine 246
Serum amylase 233
– bile acid, postprandial
– insulin, guar gum effect 131
– lipase 233
– trypsin 233
Smoking, influence, gastric mucus 258
Somatostatin, endogenous 73
– receptors 73
Spin-spin-relaxation-time 37
Spirinolactone 19
Splenomegaly 84
Staphylococcus aureus, Cowan I 86
Steatosis 236
Stomach, leiomyoblastoma 33
– mucosal, damage, Taurocholate induced 107
– murine, epithelial cell proliferation 63
Streptozotocin, therapy 54
Stress, bleeding, prophylaxis 154
Strongyloides, stercoralis 218
Surgery, colo-rectal 116 (B)
Syphilis, anorectal 218

T
Taurocholate 107
Thromboxyne B_2 263
Triketocholanic, acid synthetic 137
Tuberculosis, intestinal 217
Typhoid fever 266
– ulcer 266

U
Ulcer duodenale 74, 102
– – carbenoxolone 74f
– – Cimetidine 74
– – gastric mucosa morphology 198
Ultrasonography, endoscopic 77

V
Vagotomy, high selective 102
Verdauungstrakt, oberer, Endoskopie 117 (B)
Vitamin A deficiency, symptoms 120
– role of the 119
Vitamin D, metabolites 102

Z
Zinc deficiency, symptoms 120
– role of the 119
Zollinger-Ellison-Syndrome 74

Hepato-Gastroenterology

Editors

H.-W. Altmann, Würzburg
L. Demling, Erlangen
I. Gillespie, Manchester
K. S. Henley, Ann Arbor
H. A. Kühn, Freiburg i. Br.
K.-H. Meyer zum Büschenfelde, Mainz
F. W. Schmidt, Hannover
R. Schmid, San Franzisko
M. Siurala, Helsinki

Assistant Editors

S. Domschke, Erlangen
R. Müller, Hannover

Selection Committee

I. Auer, Würzburg
V. Becker, Erlangen
J. Ch. Bode, Stuttgart
A. Blum, Zürich
M. Classen, Frankfurt a. M.
W. Domschke, Erlangen
H. Fromm, Pittsburgh
P. Frühmorgen, Ludwigsburg
Ch. Herfarth, Heidelberg
H. Liehr, Saarbrücken
R. Müller, Hannover
H. Pichlmaier, Köln
R. Preisig, Bern
K. Fr. Sewing, Hannover
W. Wenz, Freiburg i. Br.

1983
Georg Thieme Verlag
Stuttgart · New York

Volume 30
124 figures
in 141 single figures (5 colored)
110 tables

Geschützte Warennamen (Warenzeichen) werden *nicht* besonders kenntlich gemacht. Aus dem Fehlen eines solchen Hinweises kann also nicht geschlossen werden, daß es sich um einen freien Warennamen handelt.

Alle Rechte, insbesondere das Recht der Vervielältigung sowie der Übersetzung, vorbehalten. Kein Teil des Werkes darf in irgendeiner Form (Photokopie, Mikrofilm oder ein anderes Verfahren) ohne schriftliche Genehmigung des Verlages reproduziert oder unter Verwendung elektronischer Systeme verarbeitet, vervielfältigt oder verbreitet werden.

Some of the product names, patents and registered designs referred to are in fact registered trademarks or proprietary names even though specific reference to this fact is not always made in the text. Therefore, the appearance of a name without designations as proprietary is not to be construed as a representation by the publisher that at is in the public domain.

All rights, including the rights of publication, distribution and sales, as well as the right to translation, are reserved. No part of this work covered by the copyrights hereon may by reproduced or copied in any form or any means – graphic, electronic or mechanical including photocopying, recording, taping, or information and retrieval systems – without written permission of the publisher.

© Georg Thieme Verlag, Rüdigerstr. 14, D-7000 Stuttgart 1, 1983. – Printed in Germany.

Table of Contents

No. 1 (February 1983) Page 1– 36
No. 2 (April 1983) Page 37– 76
No. 3 (June 1983) Page 77–118
No. 4 (August 1983) Page 119–170
No. 5 (October 1983) Page 171–224
No. 6 (December 1983) Page 225–268

Originals

Bauer, A.G.C., J.H.P. Wilson, S.W.J. Lamberts, W. Blom: Hyperprolactinemia in Hepatic Encephalopathy: The Effect of Infusion of an Amino Acid Mixture with Excess Branched Chain Amino Acids 174

Barbara, L., R. Corinaldesi, G. Dobrilla, G. De Pretis, G. Bianchi Porro, M. Petrillo, R. Carratu, P. Paoluzi, G. Mazzacca, F. Sabbatini, L.A. Scuro, G. Cavallini, G. Verme, A. Pera: Ranitidine vs Cimetidine: Short-term Treatment of Gastric Ulcer 151

Bell, H., H. Ørjasoeter: Five Years' Follow-up of Patients with Elevated Carcinoembryonic Antigen (CEA) and Alcoholic Liver Disease, with Special Reference to Mortality Rate and Development of Malignancy 140

Bianchi Porro, G., F. Parente, O. Sangaletti: Lactose Intolerance in Adults with Chronic Unspecific Abdominal Complaints 254

Bolarin Debayo, J.J. Andy, Z.O. Alabi: Liver Immunoreactive Prolyl Hydroxylase Protein in Human Primary Hepatocellular Carcinoma 230

Braun, B., H. Pernice, P. Herzog, N. Börner, H.H. Dormeyer: Diagnosis and Therapy of Liver Abscess by Ultrasonographic Imaging, Puncture and Drainage 9

Caes, F., J. Lamote, G. Willems: Effect of Caerulein on Epithelial Cell Proliferation in the Murine Stomach 63

Challacombe, D.N., D.T. McDonald, E.E. Wheeler: A Quantitative Assessment of Jejunal Damage in Coeliac Disease, Using the Mucosal Index 113

Chiaramonte, M., R. Farini, D. Truscia, L. Zampieri, F. Di Mario, E. Pornaro, U. Vecchiati, R. Naccarato: Risk of Hepatitis B Virus Infection Following Upper Gastrointestinal Endoscopy: A Prospective Study in an Endemic Area 189

Cheli, R., A. Perasso, A. Giacosa: Dyspepsia and Chronic Gastritis 21

Dancygier, H., U. Runne, U. Leuschner, R. Milbradt, M. Classen: Dacarbazine (DTIC)-induced Human Liver Damage. Light and Electron-microscopic Findings . . . 93

Descos, L., A. Gauthier, V.G. Levy, H. Michel, A. Quinton, B. Rueff (Physicians), *J. Fermanian, E. Fombonne, J.P. Durbec* (Statisticians) Comparison of Six Treatments of Ascites in Patients with Liver Cirrhosis. A Clinical Trial 15

Dobrilla, G., L. Lucchin, M. Comberlato, G. Corruzi, G. Bertaccini: Pirenzepine and Exocrine Secretions: A Selective Agent for Gastric Glands? 246

Forsander, O.A., J.A.J. Pikkarainen, M.P. Salaspuro: A High Hepatic Concentration of Free Proline does not Induce Collagen Synthesis in Rat Liver 6

Geboes, K., P. Rutgeerts, G. Vantrappen, V.J. Desmet: Immunoreactivity of Alpha-1-Antitrypsin in the Human Colon 24

Geboes, K., J.J. Van den Oord, P. Rutgeerts, V.J. Desmet, G. Vantrappen: Immunohistochemical Identification of Lysozyme in Pseudopyloric Gland Metaplasia in Crohn's Disease 158

Giusti, G., G. Ruggiero, B. Galanti, F. Piccinino, E. Sagnelli, C. Gallo: Chronic Active Hepatitis in Italy: A Multicentric Study on Clinical and Laboratory Data of 1154 Cases, A Report from the Study Group for CAH of the Italian Association for the Study of the Liver 126

Groot, de G.H., S.W. Schalm, P. Batavier, H.C.M. Maas, I. Schicht: Incidence of Endotoxemia in Pigs with Ischemic Hepatic Necrosis Treated by Hemodialysis. Prevention of endotoxemia with lactulose 240

Gullo, L., R. Corinaldesi, Casadio, R., P. Vezzadini, P. Tomassetti, M. Ventrucci, P. Priori, G. Labo: Gastric Acid Secretion in Chronic Pancreatitis 60

Guslandi, M., P.A. Testoni, S. Passaretti, E. Masci, E. Ballarin, U. Comin, R. Marchi, G. Ronchi, A. Tittobello: Ranitidine vs Metoclopramide in the Medical Treatment of Reflux Esophagitis 96

Hansen, W.E., H. Maurer, J. Vollmar, Chr. Bräuning: Guar Gum and Bile: Effects on Postprandial Gallbladder Contraction and on Serum Bile Acids in Man . 131

Heer, M., M. Pirovino, H. Bühler, J. Altorfer, M. Schmid, A. von Felten: Multiple Hepatitis Attacks with Immunothrombocytopenia in a Heroin Addict 12

Kakumu, S., H. Murakami, J. Kuriki: B Lymphocyte Function Stimulated by Staphylococcus Aureus Cowan I in Chronic Liver Disease 86

Kanashima, R., N. Nagasue, H. Kohno, K. Inokuchi: Changes in Lysosomes of Hypertrophying and Atrophying Liver: A Comparative Study of Acid Hydrolase Contents in Blood and Liver in Rats 42

Konturek, S.J., N. Kwiecień, W. Obtulowicz, A. Zmuda, M. Polański, B. Kopp, E. Sito, J. Oleksy: The Use of Carprofen. A Non-steroidal Anti-inflammatory Agent, in Peptic Ulcer Diseases 261

Kuratsune Hirohiko, Tetsuzo Koda, Tomohiro Kurahori: The Relationship between Endotoxin and the Phagocytic Activity of the Reticuloendothelial System 79

Lankisch, P.G., B. Göke, H. Kunze, J. Otto, K. Winckler: Does PGE_2 have a Beneficial Effect on Acute Experimental Pancreatitis in the Rat? 148

Lechi, L., G. Montesi, M. Solbiati, R. Dattoli, P. Rizzotto, M. Zanchetta, L. Perobelli, A. Burlina: Serum Pancreatic Enzyme Alterations in Acute Viral Hepatitis 233

Lee, F.L., S.M. Murray, J. Prior, D.R. Shreeve: Primary Liver Cell Cancer Occurring in Association with Crohn's Disease Treated with Prednisolone and Azathioprine 188

Liaw, Y.-F., Den-Y. Lin, C.-M. Chu, T.-J. Chen, C.-S. Chang-Chien, C.-S. Wu: A Prospective Trial of Prednisolone Combined with Azathioprine in HBsAg-positive Chronic Active Hepatitis 51

W. Maier: Computed Tomographic Diagnosis of Echinococcus Alveolaris 83

Mališ, F., P. Fričˇ, E. Kasafírek, J. Slabý: Comparative Study of the Estimation of Exocrine Pancreatic Function Using p-(N-acetyl-L-tyrosyl)-and p-(N-benzoyl-L-tyrosyl)aminobenzoic acid 99

Malmendier, C.L., E.L. Mailier, J.P. Amerijckx, M.L. Fischer: Plasma Levels of Apolipoproteins A-I, A-II and B in Alcoholism. Relation to the Degree of Histological Liver Damage, and to Liver Function Tests. 236

Massarrat, S., A. Paidlik, P. Pittner, P. Schmitz-Moormann, M. Wurbs: The Role of Certain Habits and Various Diseases in the Occurrence of Gastritis 249

Müller-Lissner, St.A., C.J. Fimmel, A.L. Blum: Failure of 16,16-Dimethyl-PGE_2 to Protect the Human Stomach from Taurocholate Induced Damage 107

Musca, A., C. Cordova, V. Barnaba, M.S. Bonavita, M. Levrero, C. Zaccari, F. Balsano: HBeAg/Anti-HBe System and Development of Primary Hepatocellular Carcinoma in Patients with HBsAg-positive Liver Cirrhosis 3

Nilius, R., U. Schentke, L. Otto, W. Teichmann, B. Zipprich, W. Schmidt, E. Brügmann, H.-J. Busse: Levamisole Therapy in Chronic Hepatitis – Results of a Multicentric Double Blind Trial 90

Nilius, R., B. Zipprich, S. Krabbe: Aldehyde Dehydrogenase (E.C.1.2.1.3) in Chronic Alcoholic Liver Diseases 134

Pagliaro, L., R.G. Simonetti, A.Craxi, C. Spano, M.G. Filippazzo, U. Palazzo, S. Patti, G. Giannuolo, A. Marraffa, M. Colombo, M. Tommasini, S. Bellentani, E. Villa, F. Manenti, N. Caporaso, M. Coltori, C. del Vecchio-Blanco, P. Farsi, A. Smedile, G. Verme: Alcohol and HBV Infection as Risk Factors for Hepatocellular Carcinoma in Italy: A Multicentric, Controlled Study 48

Pawlik, W.W., K.M. Walus, J.D. Fondacaro, S.J. Konturek: Local Gastrointestinal Vascular Effects of Methionine-Enkephalin 66

Picciotto, A., G. Ciravegna, G. Lapertosa, G. Celle: One or Two Liver Biopsies during Laparoscopy? . . . 192

Rack, J., A. Sonnenberg: The Influence of Smoking and Intravenous Nicotine on Gastric Mucus 258

Radke, M., R. Schulte-Hermann, U. Junge: Induction of Hepatic DNA Synthesis in Rats with Streptozotocin-induced Diabetes 54

Scuro, L.A., G. Angelini, B. Vaona, S. Fratton, M. Tonon, G. Antolini, R. Micciolo, C.A. Franchini, G. Cavallini: Serum Primary Bile Acids in Chronic Alcoholic Pancreatitis 194

Schmähl, D., M. Habs, H. Habs: Influence of a Non-synthetic Diet with a High Fat Content on the Local Occurrence of Colonic Carcinomas Induced by N-Nitroso-acetoxymethyl-methylamine (AMMN) in Sprague-Dawley Rats 30

Schölmerich, J., M.S. Becher, E. Köttgen, N. Rauch, D. Häussinger, E. Löhle, J.P. Vuilleumir, W. Gerok: The Influence of Portosystemic Shunting on Zinc and Vitamin A Metabolism in Liver Cirrhosis 143

Schwille, P.O., H.W. Schley, E. Hanisch, D. Bieger, E. Zeuner, W. Engelhardt: Mineral Metabolism and Vitamin D Status before and up to Five Years Following Highly Selective Vagotomy in Duodenal Ulcer Patients 102

Siba, S.: Experience with Haemoccult Screening in Hungary. A Multicenter Trial 27

Stachura, J., S.J. Konturek, M. Cieszkosky, W. Dabroś, J. Zakrzewska, J. Konturek: Comparison of the Effect of Omeprazole – a Substituted Benzimidazole – and Ranitidine – a Potent H_2-Receptor Antagonist – on Histamine-induced Gastric Acid Secretion and the Ultrastructure of Canine Parietal Cells 205

Taal, Barbara G., S.W. Schalm, Fibo W.J. ten Kate, J. Hermanns, R.G.M. Geertzen, B.E.W. Feltkamp: Clinical Diagnosis of Primary Biliary Cirrhosis: A Classification Based on Major and Minor Criteria . . 178

Tarpila, S., M. Kekki, I.M. Samloff, P. Sipponen, M. Siurala: Morphology and Dynamics of the Gastric Mucosa in Duodenal Ulcer Patients and their First-degree Relatives 198

Theodoropoulos, G., L. Nakopoulos, A. Fertakis, G. Papaevangelou, Gr. Hadzis, A. Kasfiki: HBeAg/anti-HBe Antigenic System in Liver Diseases in Greece . . 243

Tryba, M., H. Huchzermeyer, M. Török, M. Zenz, J. Pahlow: Single-drug and Combined Medication with Cimetidine, Antacids and Pirenzepine in the Prophylaxis of Acute Upper Gastrointestinal Bleeding 154

Wakushima, T., Y. Kishimoto, C. Hirayama: Intravenous Dehydrocholate Tolerance Test in Patients with Liver Disease 137

Weberg, R., G. Narverud, A. Berstad: Effect of Pirenzepine and Antacids on Postprandial Intragastric pH 202

Wosiewitz, U., F. Sabinski: Colloid Chemical Aspects of Pigment Lithiasis in Man: Solubilization of Calcium Bilirubinate by Bile Salts (a preliminary report) 184

Abstracts

Itoh, S., S. Matsuo, M. Shiomi, A. Ichinoe: Cirrhosis Following 12 Years of Treatment with Acetaminophen 58

Soares, J.O., A. Baptista, A. Esaguy: Nodular Regenerative Hyperplasia of the Liver Associated with Down's Syndrome 59

Sung, J.L., D.S. Chen: Hepatitis B Surface Antigen in Saliva, Urine and Ascites 58

Sung, J.L., D.S. Chen: Hepatitis B Surface Antigen in Saliva, Urine and Ascites 183

Editorials

Dal Monte, P.R.: Treatment of Non-ulcerative Dyspepsia 1

Gressner, A.M.: Hepatic Proteoglycans – A Brief Survey of their Pathobiochemical Implications 225

Heyder, N., H. Lutz: Endoscopic Ultrasonography – Expected Diagnostic Progress 77

Rödl, W., H. Lutz, A. Oppelt: Nuclear Magnetic Resonance Imaging in Abdominal and Pelvic Disease – Initial Clinical Experience in Comparison with Computed Tomography and Ultrasonography 37

Schölmerich, J., E. Löhle, E. Köttgen, W. Gerok: Zinc and Vitamin A Deficiency in Liver Cirrhosis . . 119

Solis-Herruzo, J.A., F. Colina-Ruizdelgado: Nodular Regenerative Hyperplasia of the Liver 171

Case Reports

Delamarre, J., J.P. Capron, P. Fiévet, A. Rémond, P. Verhaeghe, A. Braillon, R. Revert: Bleeding Cecal Typhoid Ulcer. Value of emergency angiography for selective surgical hemostasis 266

Gear, P., P.J. Whorwell: Inflammatory Bowel Disease Associated with Multiple Sclerosis 70

Volk, B.A., J. Schölmerich, E. Farthmann, W. Gerok, W. Wenz: Leiomyoblastoma of the Stomach – a Case Report on Ultrasonographic Differential Diagnosis of Cystic Lesions in the Abdomen 33

Reviews

W. Höchter, W. Kühner, R. Ottenjann: Rare Forms of Colitis 211

Ruppin, H., D. Sailer: Nasoenteral Alimentation: Technical Procedures and Follow-up 161

Sailer, D., H. Ruppin: Nasoenteral Alimentation: Nutritional and Physiological Requirements for Tube Feed Diets 166

Abstracts of the Papers Presented at the 14th Meeting of the European Gastro-Club Erlangen, 1982 . . . 72

Congress Announcements 36, 118, 169, 268

Book Reviews 116, 170, 222

Author's Index

(B) = Book Reviews

A
Aadland, E. 75
Accary, J.P. 74
Alabi, Z.O. 230
Altorfer, J. 12
Amerijckx, J.P. 236
Andy, J.J. 230
Angelini, G. 194
Antolini, G. 194
Arias, J.M. 116 (B)

B
Ballarin, E. 96
Balsano, F. 3
Baptista, A. 59
Barbara, L. 151
Barnaba, V. 3
Baron, J.H. 74
Batavier, P. 240
Bauer, A.G.C. 174
Becher, M.S. 143
Bell, H. 140
Bellentani, St. 48
Beker, S. 170 (B)
Berstad, A. 75, 202
Bertaccini, G. 246
Bianchi Porro, G. 151, 254
Bieger, D. 102
Blom, W. 174
Bloom, S.R. 72
Blum, A.L. 107, 224
Braillon, A. 266
Braun, B. 9
Bräuning, Chr. 131
Brugmann, E. 90
Brzozowski, T. 74
Bolarin, D. 230
Bonavita, M.S. 3
Bonfils, S. 74
Börner, N. 9
Bücheler, E. 223 (B)
Bühler, H. 12
Burger, D. 170 (B)
Burlina, A. 233
Busse, H.-J. 90

C
Caes, F. 63, 72
Cano Cantudo, L. 76
Caporaso, N. 48
Capron, J.P. 266
Carratu, R. 151
Carrió-Gasset, I. 76
Casadio, R. 60
Case, R.M. 117 (B)
Cavallini, G. 151
Celle, G. 192
Chang-Chien, C.-S. 51
Challacombe, D.N. 113
Chayvialle, J.A. 73
Cheli, R. 21
Chen, D.S. 59, 183
Chen, T.-J. 51
Cheng-Shyong, W. 51
Chiaramonte, M. 189
Christiansen, J. 75
Chu, C.-M. 51
Cieszkowski, M. 74, 205
Ciravegna, G. 192
Classen, M. 72, 93
Calaco, C.B. 74
Colina-Ruizdelgado, F. 171
Colombo, M. 48
Coltorti, M. 48
Comberlato, M. 246
Comin, U. 96
Connell, A.M. 222 (B)
Cook, P.J. 74
Cordova, C. 3
Corinaldesi, R. 60, 151
Coruzzi, G. 246
Craxi, A. 48

D
Dabroś, W. 205
Dal Monte, P.R. 1
Dancygier, H. 93
Dattoli, R. 233
Delamarre, J. 266
Del Vecchio-Blanco, C. 48
Denecke, H. 116 (B)
De Pretis, G. 151
Descos, L. 15
Desmet, V.-J. 24, 158
Didio, L.J.A. 223 (B)
Di Mario, F. 189
Dobrilla, G. 151, 246
Döbrönte, Z. 75
Dormeyer, H.H. 9